

# Wireless Decora® 0-10V Dimmer Room Controller with 5A Relay



## Description

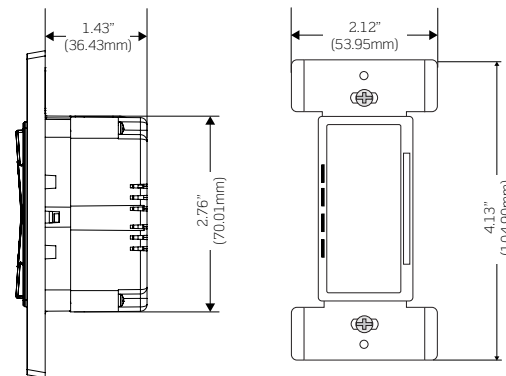
Wireless Decora® 0-10V Room Controller with 5A Relay (DL057) is the primary user interface combining both familiar toggle ON/OFF control, dimming control and energy management business logic into line voltage-powered wireless control devices. Requires use with Lumina™ RF Keypad Room Controller or GreenMAX® DRC Wireless Keypad Room Controller.

The DL057 works with compatible wireless devices to create an advanced intelligent lighting system. The DL057 also provides the primary interface between the smartphone/tablet commissioning and control device. The DL057 manages a room by coordinating activities of all wireless devices within the space and can be used to control loads up to 5A.

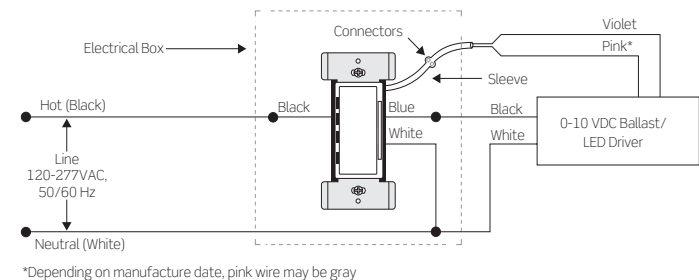
## Applications

- Bluetooth interface for connection to any Android or iOS devices with Bluetooth 4.0 with BLE
- Configuration
  - Control
  - Status monitoring
- Every node is a repeater
- Line voltage powered
- LED status indicators
- Decora aesthetic
- Complies with IEEE 80.15.4 standards—for domestic and international wireless networks
- Can be used to meet energy code requirements for IECC, ASHRAE 90.1 and 2019 Title 24, Part 6 space/area control, dimming, manual-ON/OFF, occupancy control and automatic shutoff requirements

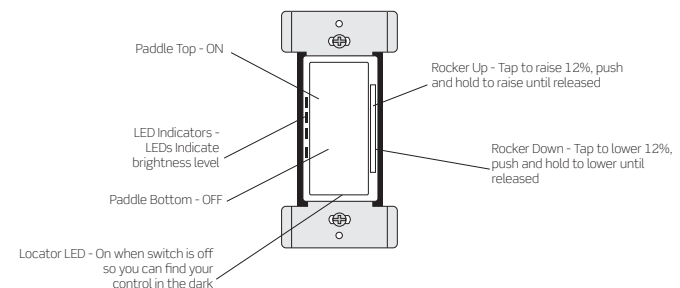
## Dimensions Diagram



## Wiring Diagram



## User Interface



## Leviton Manufacturing Co., Inc. Lighting & Controls

10385 SW Avery Street, Tualatin, OR 97062 **tel** 800-736-6682 **tech line** (6:00AM-4:00PM PT Mon-Fri) 800-959-6004  
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## Product Data

### DL057-xxx

#### Specifications

Header	DL057-D0Z	DL057-30Z
Input Voltage	120-277VAC, 50/60Hz	347VAC, 60Hz
Input Current		
120V	Standby: 0.2W, Max: 0.5W + Current load	—
277V	Standby: 0.3W, Max: 0.6W + Load current	—
347V	—	0.5W + Load current
Load Rating		
LED,CFL, Electronic Ballast @ 120V, 277V	8A	—
LED, CFL, Electronic Ballast @ 277V	5A	—
LED, CFL, Electronic Ballast @ 347V	—	4A, 1388VA
Magnetic Ballast @ 120V	10A	—
Magnetic Ballast @ 277V	10A	—
Magnetic Ballast @ 347V	—	3.45A, 1200VA
Resistive, Tungsten @ 120V	6.67A	—
Resistive, Tungsten @ 277V	6.67A	—
Resistive, Tungsten @ 347V	—	6.67A
Motor Load	1/4 HP @ 120 VAC, 1/3 HP @277VAC	347 VAC, 60Hz, 1/4 HP
IP Rating		2.4GHz
Network Connections		IP710
Usage		Indoors only
Network Connectors		IEEE 802.15.4, 2.4Ghz, wireless, mesh network up to 75' range between device
<b>Environmental</b>		
Operating Temperature Range		32° to 104° F (0° to 40° C)
Storage Temperature Range		-40° to 185° F (-40° to 85° C)
Usage		Indoors only
<b>Other</b>		
Energy Codes	Can be used to comply with IECC,ASHRAE 90.1, and 2019 Title 24, Part 6 occupancy/vacancy sensing, 0-10V dimming, and daylight harvesting requirements	
Listings	FCC certified for wireless communication, (U.S.) IC Certified (Canada), FCC ID: 2ASLN-DL057; IC: 25037-DL057,IP710, UL Listed , NOM Certified	
Dimensions	4.13" x 2.12" x 1.43" (104.90mm x 53.95mm x 36.43mm)	
Weight	0.25 lbs (0.11kg)	
Warranty	2-Year limited	

#### Ordering Information

##### Wireless Decora 0-10V Room Controller

Cat. No.*	Description
DL057-D0Z	Wireless Decora 0-10V Dimmer Room Controller with 5A Relay,2.4GHz,120-277VAC, 50/60Hz, 5A Load, Color: White, Light Almond, Ivory
DL057-30Z	Wireless Decora 0-10V Dimmer Room Controller with 5A Relay, 2.4GHz, 347VAC, 50/60Hz, 5A Load, Color: White, Light Almond, Ivory
DDKIT-00x	Decora Color Change Kit

\* Replace x to indicate color: (W) = White, (I) = Ivory, (T) = Light Almond, (G) = Gray (R) = Red, (E) = Black

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